	** Do not re-arrange the order of or insert columns between columns B-H. Do not do any special format.  ** This sheet will only be used for initial input of tasks only. It will have no use in further iterations.  **Only data in columns B-H is needed for setting up the Project in Primavera.					
	** Task durations must be 1 to 8 weeks (for at least first 2 years of work).					
	** For out years, you can specify tasks in a granularity of 3 months, or up to 6 months if needed.					
	** Please indicate which tasks need material and/or travel \$ - only a Yes or No answer is sufficient.					
	** You may add milestones if they are available.					
	** An additional L5 WBS may be added if needed - but L5 must be a sub-deliverable and not an activity.					
	** Deliverable and/or L5 tasks should be a logical and timely sequence of work needed to be done.					
	** The list of tasks must appear under L4 or L5, which ever is lowest. No L6 WBS is allowed.					
	* No indentation is allowed.					
	** You may have tasks going in parallel, but we should try to avoid partial overlap of time.  ** Dates must be written in this format: mm/dd/yyyy (e.g. 4/15/2016).					
	** Both a start and finish date for tasks would be more beneficial to check for consistency between collaborating institutions.					
 	bour a start arin infinish date in reeded.  Use duration in lieu of finish date if needed.					
	** You may put anything else in any other columns in this sheet for your own records, but they will not be needed by the Project office.					
	** For questions and/or problems please contact Winnie Yu (w		, , , , , , , , , , , , , , , , , , , ,	,,		
evel 3 WBS#	6.7.y.3					
evel 4 WBS # and title	6.7.y.3, TDAQ FELIX Development					
stitution	BNL					
repared by	K. Chen					
15 14/00 : 2	<u> </u>		<u> </u>			ļ
L5 WBS if needed	Task name	Start Date	Finish Date	Duration (work days)	Material	Travel
(L5 WBS is NOT mandatory)		(mm/dd/yyyy)	(mm/dd/yyyy)		(enter "Yes" or "No")	(enter "Yes" or "No
		-				
7 v 2 2 1	Design Stage FY19					
6.7.y.3.2.1	FELIX Demonstrator Board Study	10/01/2018	11/30/2018	40	no	yes
	FELIX Demonstrator Test Stand Development	12/01/2018	01/31/2019	40	yes	no
	FELIX Demonstrator Firmware Design	02/01/2019	03/31/2019	40	no	yes
	FELIX Demonstrator Software Integration	04/01/2019	05/31/2019	40	no	yes
	FELIX Demonstrator Integration Test with FE: preparation	06/01/2019	07/31/2019	40	yes	no
	FELIX Demonstrator Integration Test with FE	08/01/2019	08/15/2019	10	no	yes
	FELIX Demonstrator Integration Test with BE: preparation	08/16/2019	09/15/2019	20	yes	no
	FELIX Demonstrator Integration Test with BE	09/16/2019	09/30/2019	10	no	yes
6.7.y.3.2.2	Prototype-1 FY20					
	FELIX Proto1 Specifiction Development	10/01/2019	11/30/2019	40	no	yes
	FELIX Proto1 Schematics Design	12/01/2019	01/31/2020	40	no	yes
	FELIX Proto1 Layout Stackup Design	02/01/2020	02/28/2020	20	no	yes
	FELIX Proto1 Layout Design	03/01/2020	04/30/2020	40	no	yes
	FELIX Proto1 Fabrication FELIX Proto1 Evaluation Test: HW and FW	05/01/2020 07/01/2020	06/30/2020 08/31/2020	20 40	yes	no
	FELIX Proto1 Evaluation Test: NW and integration test	09/01/2020	10/30/2020	40	yes yes	yes
	Milestone: Completion of Prototype 1, PDR	03/01/2020	10/30/2020	40	yes	yes
7.y.3.2.3	Prototype-2 FY21					
ory, s.e.s	FELIX Proto2 Specifiction Revision	10/01/2020	11/30/2020	40	no	yes
	FELIX Proto2 Schematics Design	12/01/2020	01/31/2021	40	no	yes
	FELIX Proto2 Layout Stackup Design	02/01/2021	02/28/2021	20	no	yes
	FELIX Proto2 Layout Design	03/01/2021	04/30/2021	40	no	yes
	FELIX Proto2 Fabrication	05/01/2021	06/30/2021	20	yes	no
	FELIX Proto1 Evaluation Test: HW and FW	07/01/2021	08/31/2021	40	yes	yes
	FELIX Proto2 Evaluation Test: SW and integration test	09/01/2021	10/30/2021	40	yes	yes
	Milestone: Completion of Prototype 2, FDR					
6.7.y.3.2.4	Pre-Production FY22					
	FELIX Pre-Prod Schematics Design	10/01/2021	11/30/2021	40	no	yes
	FELIX Pre-Prod Layout Stackup Design FELIX Pre-Prod Layout Design	12/01/2021 01/01/2022	12/31/2021 02/28/2022	20 40	no	yes
	FELIX Pre-Prod Layout Design FELIX Pre-Prod Fabrication	03/01/2022	02/28/2022	40	no yes	yes
	FELIX Pre-Prod Fabrication FELIX Pre-Prod Evaluation Test: HW and FW	05/01/2022	06/15/2022	30	yes	yes
	FELIX Pre-Prod Evaluation Test: SW and integration test	06/16/2022	07/31/2022	30	yes	yes
	Milestone: Completion of Pre-production, PRR	00,10,2022	0.,51,2022	30	,03	yes
	FELIX Prouction Test Stand Development	08/01/2022	09/30/2022	40	yes	yes
		1	1		,	
6.7.y.3.2.5	Production FY23					
	FELIX Prod Design Revision	10/01/2022	11/30/2022	40	no	yes
	FELIX Prod Fabrication	12/01/2022	02/28/2023	60	yes	yes
	FELIX Prod Evaluation Test Batch 1	03/01/2023	04/30/2023	4Page 1	yes	yes
	FELIX Prod Evaluation Test Batch 2	05/01/2023	06/30/2023	40	no	yes
		07/04/0000	00/01/0000	40		
	FELIX Prod Evaluation Test Batch 3 FELIX Prod Acceptance Test at CERN	07/01/2023 09/01/2023	08/31/2023 09/30/2023	20	no no	yes